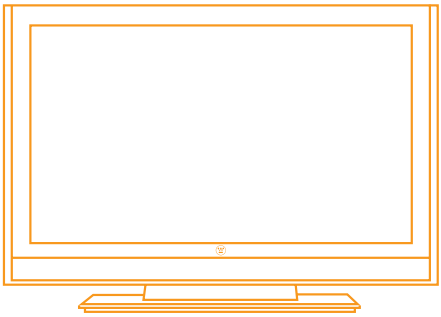
Westinghouse

USER'S MANUAL
MANUEL DE L'UTILISATEUR
MANUAL DEL USUARIO

LTV-27w7 HD
LTV-32w6 HD
LTV-37w2 HD
Widescreen HDTV
TVHD à Écran Géant
TVHD Pantalla Grande



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Explanations of required symbols :

SYMBOL	SYMBOL DEFINITION
SA 1965	DANGEROUS VOLTAGE : The lightning flash with arrowhead symbol, inside an equilateral triangle, is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electrical shock to persons.
SA 1966	INSTRUCTIONS : The exclamation point inside an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

Cleaning the LCD TV

- **MAKE SURE THE LCD TV IS TURNED OFF**
- **NEVER SPRAY OR POUR ANY LIQUID DIRECTLY ONTO THE SCREEN OR CASE**

To clean the screen:

1. Wipe the screen with a clean, soft, lint-free cloth. This removes dust and other particles.
2. If it still is not clean, apply a small amount of non-ammonia, non-alcohol based glass cleaner onto a clean, soft, lint-free cloth, and wipe the screen.

To clean the case:

1. Use a soft, dry cloth.
2. If it still is not clean, apply a small amount of non-ammonia, non-alcohol based, mild non-abrasive detergent onto a clean, soft, lint-free cloth, then wipe the surface.

Disclaimer

Westinghouse Digital does not recommend the use of any ammonia or alcohol-based cleaners on the LCD TV screen or case. Some chemical cleaners have been reported to damage the screen and/or LCD TV case. Westinghouse Digital will not be liable for damage resulting from the use of any ammonia or alcohol-based cleaners.

Thank you for purchasing a Westinghouse LCD TV
www.westinghousedigital.com

PRODUCT SAFETY INSTRUCTIONS

Follow and obey all warnings and instructions marked on the LCD TV. For your safety, please read all the safety and operating instructions before you operate the LCD TV. Keep this user's manual for future reference.

Overloading
Do not overload wall outlets, extension cords, or power strips. This can result in fire or electronic shock.

Power Cord Protection
Power supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them. Periodically inspect the cords and each end of the cords for damage. The LCD TV shall be installed near a wall socket outlet and the plug on power cord shall be readily accessible.

Ventilation
Slots and openings on the cabinet are provided for ventilation purposes. To ensure reliable operation of the LCD TV and to protect it from overheating, these openings must not be blocked or covered.

- Do not block the openings by placing the LCD TV on a bed, sofa, rug or other similar surface.
- Do not place the LCD TV in a built-in installation such as a bookcase or rack unless proper ventilation is provided and the manufacturer's instruction have been adhered to.

Other Notices

- Avoid exposing the LCD TV to direct sunlight or high temperatures.
- Avoid exposing the LCD TV to moisture or high humidity.
- Do not attempt repairs yourself. Your warranty does not cover repairs or attempted repairs by anyone not authorized by Westinghouse Digital.
- If your LCD TV will not be used for a long period of time, unplug the LCD TV and remove the batteries from the remote control.

Precautions

- Avoid touching the screen. Skin oils are difficult to remove.
- Never remove the rear cover. Your LCD TV contains high-voltage parts. You may be seriously injured if you touch them.
- Avoid exposing your LCD TV to direct sunlight or another heat source. Orient your LCD TV away from direct sunlight to reduce glare.
- Always handle your LCD display with care when moving it.
- Place your LCD TV in a well-ventilated area; don't place the LCD TV in airtight compartments. Do not place anything on your LCD TV that prevents heat dissipation.
- Ensure that the area around the LCD TV is clean and free of moisture.
- Do not place heavy objects on the LCD TV, audio/video cables, or power cord.
- If the LCD TV emits smoke, abnormal noise, or a strange odor, immediately turn it off and contact the Westinghouse Service Center.

- **WARNING – To Reduce The Risk Of Fire Or Electric Shock, Do Not Expose The LCD TV To Rain Or Moisture!** The LCD TV shall not be exposed to dripping or splashing and objects filled with liquids, such as vases, shall not be placed on the TV.

Antenna Installation Safety

1) **Read these instructions.**
2) **Keep these instructions.**
3) **Heed all warnings.**
4) **Follow all instructions.**
5) **Do not use the LCD TV near water.**
6) **Clean only with a dry cloth.**
7) **Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.**
8) **Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.**
9) **Do not attempt to bypass the safety purpose of the polarized or grounding- type plug. A polarized plug has two blades with one wider than the other. A grounding-type plug has two blades and a third grounding prong. If the provided plug does not fit into your wall outlet, consult an electrician for replacement of the obsolete outlet.**
10) **Protect the power cord from being walked on or pinched particularly at the ends of the cord.**
11) **Only use attachments/accessories specified by the manufacturer.**
12) **Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the LCD TV. When a cart is used, use caution when moving the cart to avoid injury or damage.**

13) **Unplug the LCD TV during lightning storms or when it is not being used for a long period of time.**
14) **Refer all servicing to qualified service personnel. Servicing is required when the LCD TV has been damaged in any way, such as the power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the LCD TV, it has been exposed to rain or moisture, it does not operate normally, or the TV has been dropped.**

Outdoor Antenna Grounding

If an outside antenna or cable system is connected to the LCD TV, be sure the antenna or cable system is grounded to prevent voltage surges and built-up static charges. Article 810 of the National Electrical Code, ANS/NFPA 70, provides information on proper grounding of the mast and supporting structure, grounding of the lead-in wire to an antenna discharge unit, connection to grounding electrodes, and requirements for the grounding electrode.

Lightning

For added protection for the LCD TV during a lightning storm, or when it is left unattended and unused for long periods of time, unplug it from the wall outlet and disconnect the antenna or cable system. This will prevent damage to the LCD TV due to lightning and power-line surges. Do not disconnect the antenna or the power cord during a heavy storm – lightning may strike while you are holding the cable cord, causing serious injury. Turn off your LCD TV and wait for the weather to improve.

Power Lines

An outside antenna system should not be located in the vicinity of overhead power lines or other electric light or power circuits. When installing an outside antenna system, extreme care should be taken to keep from touching such power lines or circuits.

Safety Guidelines

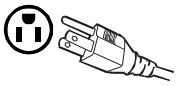
WARNING: This device must be operated with the original power supply, part number LT32B-2-ES.

CAUTION: The power supply outlet should be located near the LCD TV and should be easily accessible. Always use the appropriate AC cord that is certified for your specific country. Some examples are listed below:

USA.....UL Canada.....CSA
Japan ..... Electric Appliance Control Act

IMPORTANT NOTICE CONCERNING POWER CORD SELECTION

The specific power cord for this LCD TV is enclosed and has been selected according to the country of destination and must be used to prevent electric shock. Use the following guidelines if it is necessary to replace the original cord set, or if the cord set is not enclosed. The female receptacle of the cord set must meet IEC-60320 requirements and should look like Figure A1 below:

Figure A1 Figure A2 

For the United States and Canada

In the United States and Canada the male plug is a NEMA5-15 style (Figure A2), UL Listed, and CSA Labeled. For LCD TVs that are placed on a desk or table, type SVT or SJT cord sets may be used. For LCD TVs placed directly on the floor, only SJT type cord sets may be used. The cord set must be selected according to the current rating for the LCD TV. Please consult the table below for the selection criteria for power cords used in the United States and Canada.

Cord Type	Size of Conductors in Cord	Maximum Current Rating of Unit
SJT	18 AWG 16 AWG 14 AWG	10 Amps 12 Amps 12 Amps
SVT	18 AWG 17 AWG	10 Amps 12 Amps

FCC Compliance Statement

This equipment has been tested and complies with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy, and may cause harmful interference to radio communications if not installed and used in accordance with the instructions. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the LCD TV and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the Westinghouse Service Center or an experienced radio/TV technician for assistance.

FCC Warning

To assure continued FCC compliance, the user must use a grounded power supply cord and the provided shielded video interface cable with bonded ferrite cores. If a BNC cable used, use only a shielded BNC (5) cable. Also, any unauthorized changes or modifications not expressly approved by Westinghouse Digital will void the user's authority to operate this device.

INSTALLATION

This User Manual covers models:

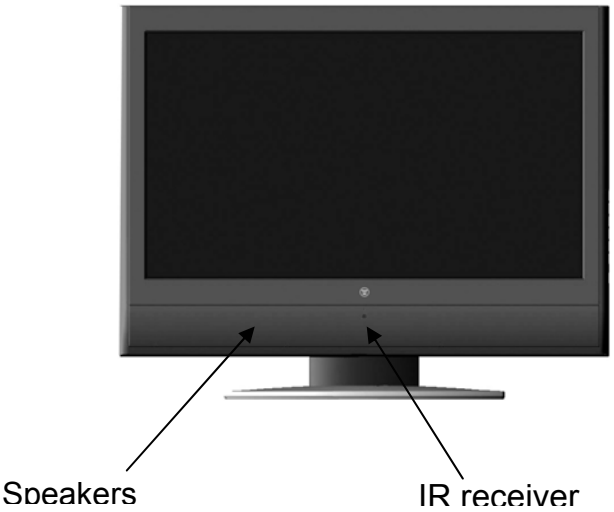
LTV-27w7 HD, LTV-32w6 HD and LTV-37w2 HD

Package Contents

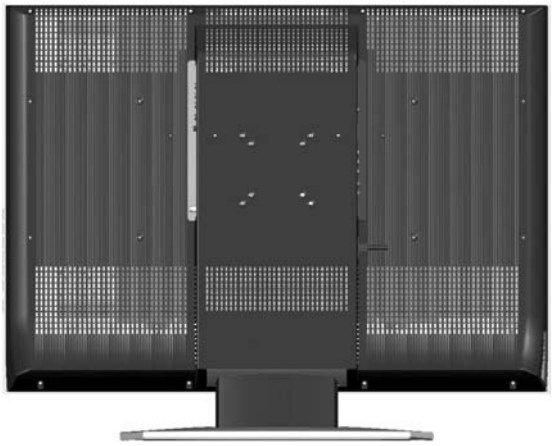
Your product package includes:

- Westinghouse LCD TV
- Remote Control (with batteries)
- Power Cord
- Quick Connect Guide
- User's Manual
- Warranty Card

Front View of the LCD TV



Rear View of the LCD TV

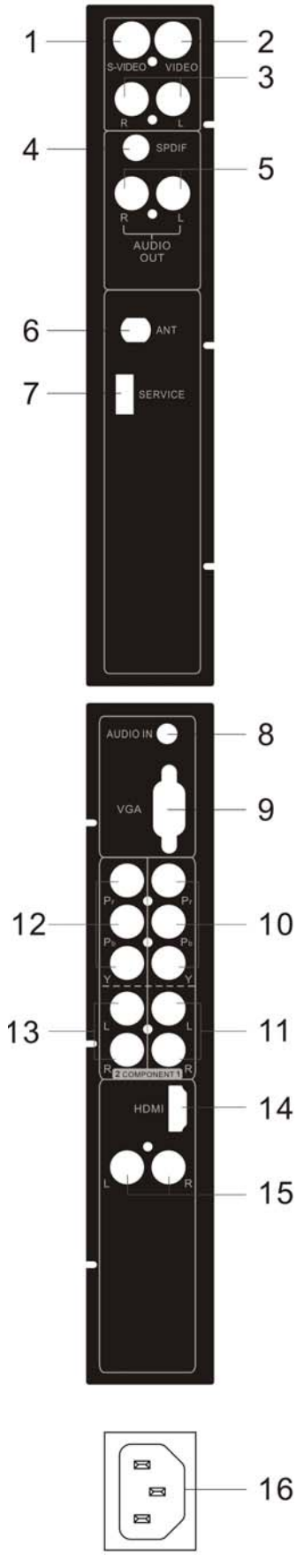


Side View of the LCD TV

Control Key

MENU	1. Menu	Turn OSD Menu ON/OFF
+ VOL -	2. Volume + / -	Increase/Decrease sound volume or adjust a highlighted control while in the OSD Menu
+ CH -	3. Channel + / -	Channel up/down when input is TV or highlight a control while in the OSD Menu
INPUT	4. Input source	Select Active Video Input or choose a selection while in the OSD MENU
⏻	5. Power	Power ON/OFF

Input connector



1. S-Video Input
Connect to a legacy video device such as a VCR or video game system.

2. Video Input
Connect the Composite Video to a legacy video device such as a VCR or video game system.

3. Video & S-Video Audio Input (Right / Left)
Connect an external audio source to this jack (Audio (R/L). This connection supports either S-Video or Video input.

4. SPDIF Output
Connect this output to an external stereo audio amplifier, receiver or surround sound processor with SPDIF Input.

5. Audio Output (Right / Left)
Connect this output to an external stereo audio amplifier, receiver or surround sound processor with R/L audio Inputs.

6. ANT. (RF-input)
Connect the LCD TV to an over-the-air antenna or cable service to view NTSC or ATSC (HDTV) content.

7. SERVICE
Factory service port

8. VGA Audio IN
Connect to the Audio out (Green) from a computer.

9. VGA
Using a 15-pin VGA cable, connect to a computer or other device with a VGA output.

10. YPbPr1 Input
Connect external video devices with component output to these jacks.

11. YPbPr1 Audio 1 Input (Left / Right)
Connect an external audio source to this jack.

12. YPbPr2 Input
Connect an external video device with component output to these jacks.

13. YPbPr2 Audio 2 Input (Left / Right)
Connect an external audio source to this jack.

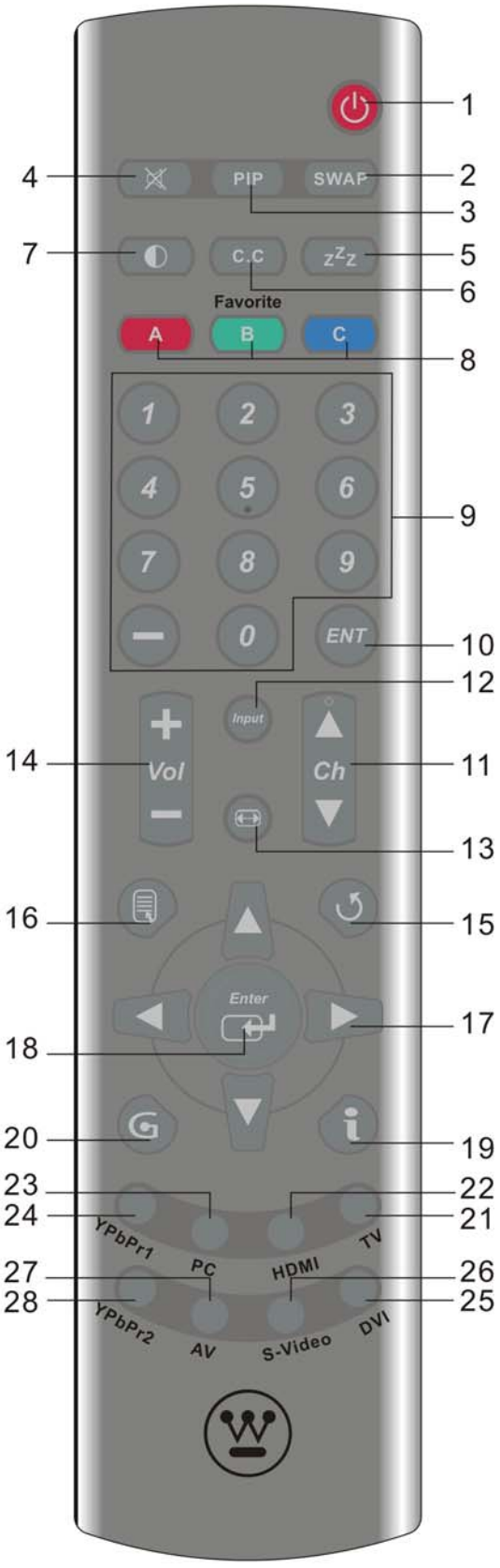
14. HDMI-HDCP input
Connect to an external video device such as HD Digital cable/satellite receiver, HD Set-Top-Box, Media Center PC, or DVD player.

15. HDMI Audio Input (Left / Right)
Connect the audio input if you using a DVI-to-HDMI converter.

16. AC IN (Power)
Connect the power cord from AC IN to a power source.

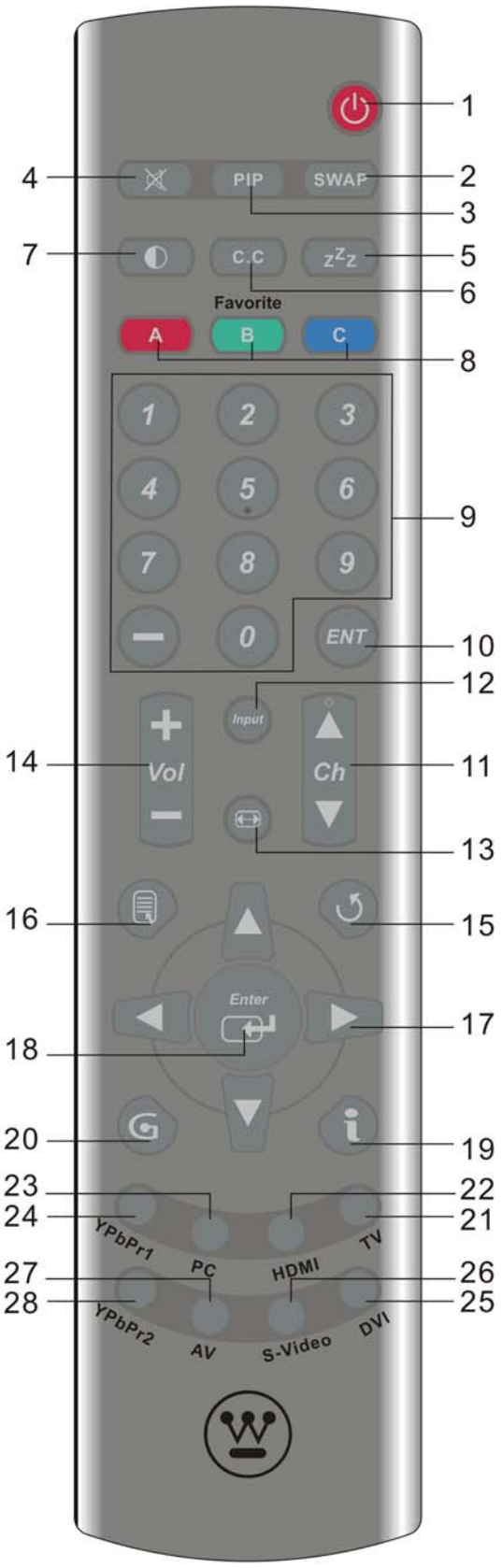
Remote Control

1. **POWER :**
   Switch the power On/Off
2. **SWAP :**
   Swap Main/Sub screen picture on PIP or POP.
3. **PIP :**
   Turn the PIP mode On/Off.
4. **Mute :**
   Turn the Sound On/Off.
5. **Sleep:**
   Set Sleep Timer to Turn Off.
6. **CC:**
   Close Caption On/Off.
7. **Backlight:**
   Backlight control.
8. **Favorite :**
   3 Favorite keys (A;B;C) for NTSC and ATSC mode.
   Recall: Press Favorite keys(A, B, or C) to recall favorite channel
   Save: Select channel to be saved; Press "Enter" and Favorite keys (A, B, or C) to save Favorite channel.
   (See note page 10)
9. **Channel number keys :**
   Select specific channel.
10. **Enter :**
    Execute a command or +100 when entering a channel greater than 100.
11. **Ch▲/▼ :**
    TV Channel Up/ Down adjustment.
12. **Input :**
    Scroll input source TV, HDTV, Video, S-Video, YPbPr1, YPbPr2, VGA, and HDMI.
13. **Scaling :**
    Select Video Display format "STANDARD" or "FILL".
14. **Vol +/- :**
    Volume Up / Down adjustment.
15. **Last CH:**
    Switch to previous channel.
16. **Menu :**
    Turn OSD Menu ON.
17. **▼ / ▲ / ◀ / ▶ :**
    OSD Menu control.



18. Enter :
Execute a command.
19. INFO :
Display the source and channel information
20. EPG :
Electronic program guide for HDTV.
21. TV:
Select TV source input.
22. HDMI:
Select HDMI source input.
23. PC :
Select VGA source input.
24. YpbPr1:
Select YPbPr1 source input.
25. DVI:
~~No function~~ Select DVI source input
*__For models with DVI input__
26. S-video:
Select S-video source input.
27. AV:
Select AV source input.
28. YpbPr2:
Select YpbPr2 source input.

Note: Before setting up favorite channel buttons, please make sure channel list is saved in TV. If not, auto scan to save a channel list in TV.



Installation

1. Insert Remote Control Batteries

1) Remove the battery cover.
2) Insert the batteries corresponding to (+) and (−) marks on the battery compartment.

3) Re-attach the battery cover.

CAUTION:

- **Only use AAA batteries.**
- **Do not mix new and old batteries. This may result in cracking or leakage, which may pose a fire risk or lead to personal injury.**
- **Insert batteries according to (+) and (−) markings. Inserting the batteries incorrectly may result in cracking or leakage, which may pose a fire risk or lead to personal injury.**
- **Dispose of used batteries in accordance with local laws and regulations.**
- **Keep batteries away from children and pets.**
- **When the remote control will not to be used for an extended period, remove the batteries.**

Connect one or all of the following into the back of the LCD TV.
IMPORTANT: Before beginning, make sure all devices are turned off.

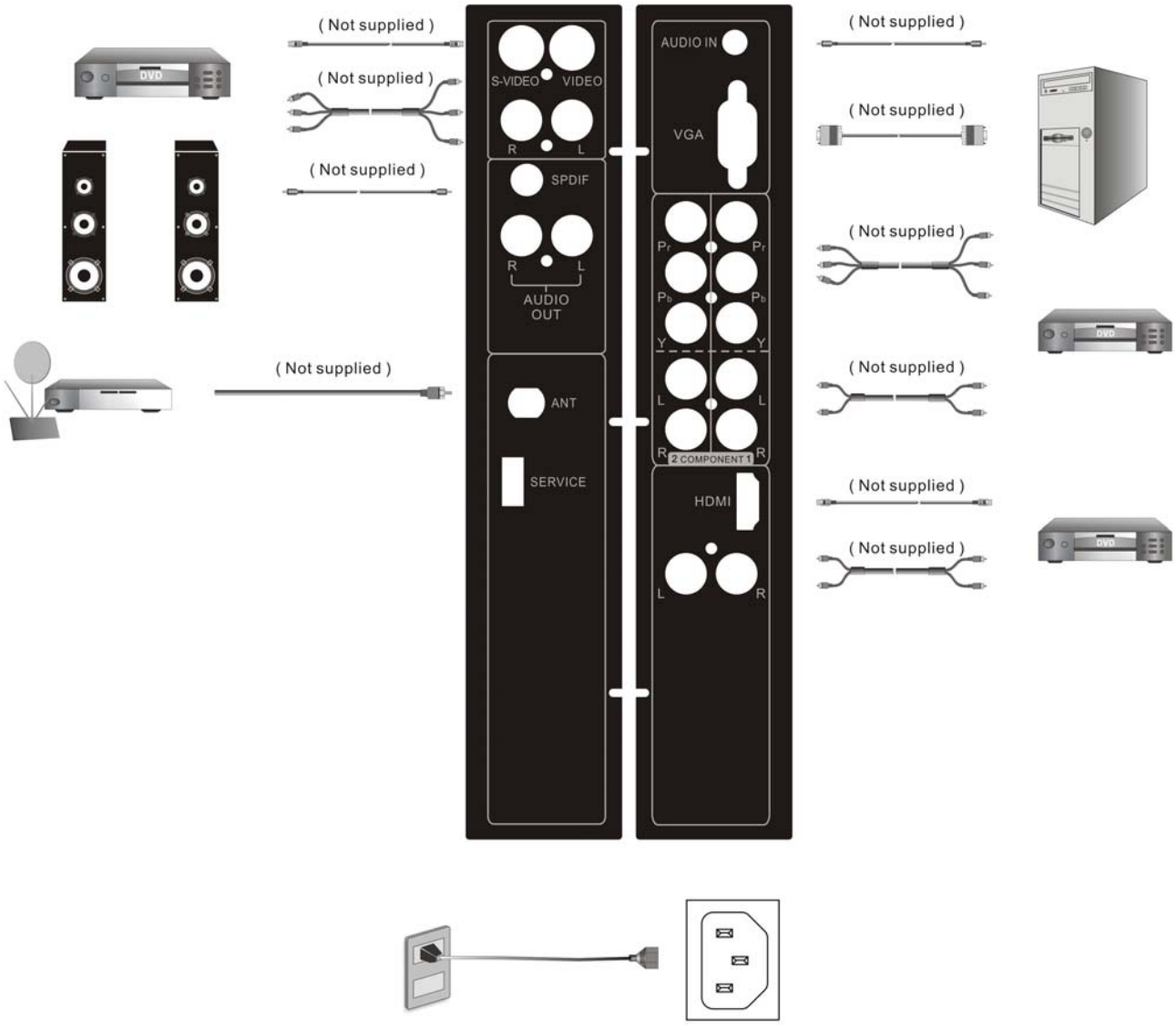
2. Connect audio and video cables from a PC

VGA CONNECTION: Connect an analog VGA cable from your PC VGA OUT port to the LCD TV VGA IN port.

AUDIO CONNECTION: Connect a stereo mini cable from the PC's AUDIO OUT port to the AUDIO IN port on the LCD TV.

3. Connect Video, S-Video, YPbPr, Antenna/Cable to Video Devices

Connect Video/Audio cables from compatible devices to the back panel of the LCD TV.



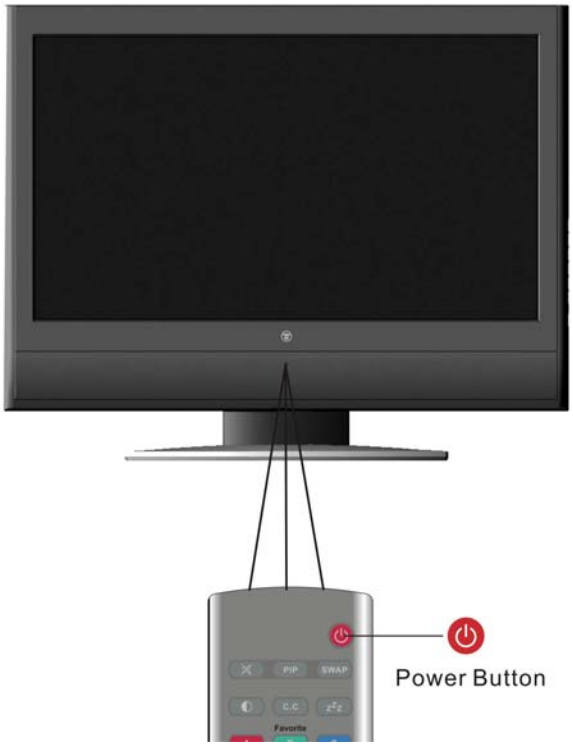
4. Connect power cables

Connect the power cord to the LCD TV then to a properly grounded AC outlet.

IMPORTANT: The power input voltage for LTV-27w7 HD and LTV-32w6 HD is 120VAC, 60 Hz ONLY, Before beginning, make sure all devices are turned off.

5. Turn Power On

Press the Power button on the right side of the LCD TV, or press the Power (Red) button on the remote control.



6. Select input source for the LCD TV using the OSD menu or remote control

7. If connecting to Antenna, Cable or other RF source on TV Inputs:

See page 17 to auto scan and edit available channels.

8. If connecting to a PC (VGA):

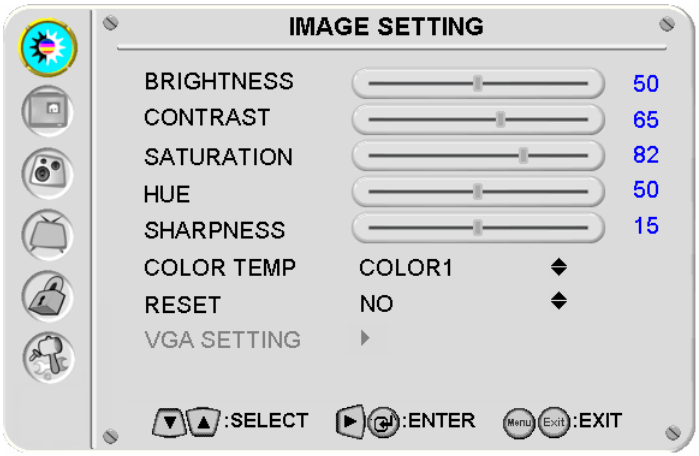
For the best picture quality, set the timing mode of you computer to 1360 x 768 at 60Hz. Refer to the graphic card's user guide of your computer to set this timing mode.

Function adjustment:

All the function can be adjusted either by the remote control or using the control keys on the right side of LCD TV.

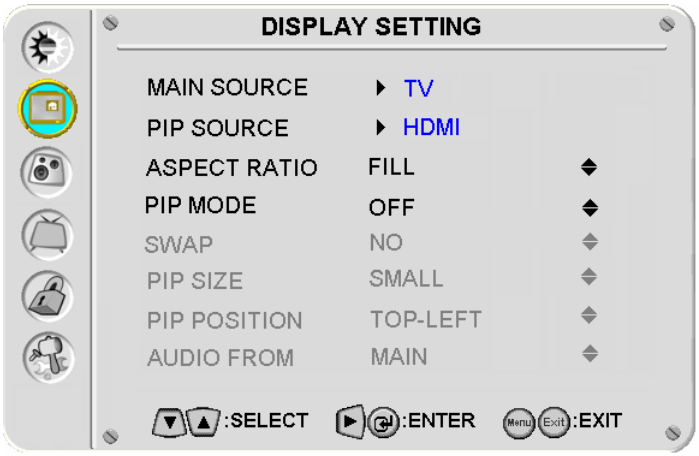
To display the OSD main menu, press the Menu button on the right side of front control keys of the LCD TV or the MENU key on the remote control. Press ▼/▲ arrow keys to select desired OSD Menu and ◀ / ▶ arrow keys to select desired OSD sub-menu.

IMAGE SETTING:



Function Name	Function
BRIGHTNESS	Brightness adjustment
CONTRAST	Contrast adjustment
SATURATION	Saturation adjustment
HUE	Hue adjustment
SHARPNESS	Sharpness adjustment (Sharpness cannot be adjusted in PC mode)
COLOR TEMP	Color temperature adjustment (Color 1, Color 2, Color 3)
RESET	Select “YES” to call the factory default setting for Image setting. Select “NO” to keep your picture adjusts setting.
VGA SETTING	VGA setting adjustment

DISPLAY SETTING:

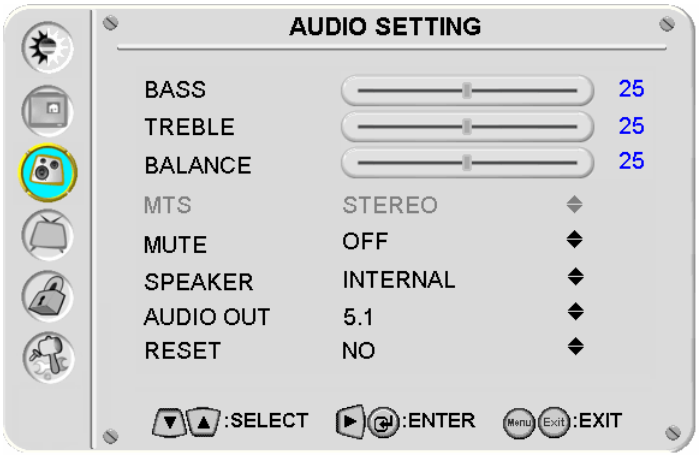


Function Name	Function
MAIN SOURCE	Select main screen sources: “TV”,”HDTV”, ”VIDEO”, ”S-VIDEO”, ”YPbPr1”, ”YPbPr2”, “VGA”, “HDMI”
PIP SOURCE	Select sub screen sources
ASPECT RATIO	Select “STANDARD”, ”FILL”
PIP MODE	Select “OFF”, ”PIP”, ”PBP”, ”POP”.
SWAP	Swap main screen and sub-screen source.
PIP SIZE	Sub screen display size adjust (“SMALL”, ”MEDIUM”, ”LARGE”)
PIP POSITION	Sub screen display horizontal /vertical position adjustment.
AUDIO FROM	Select main screen or sub screen audio sources.

Table 1:

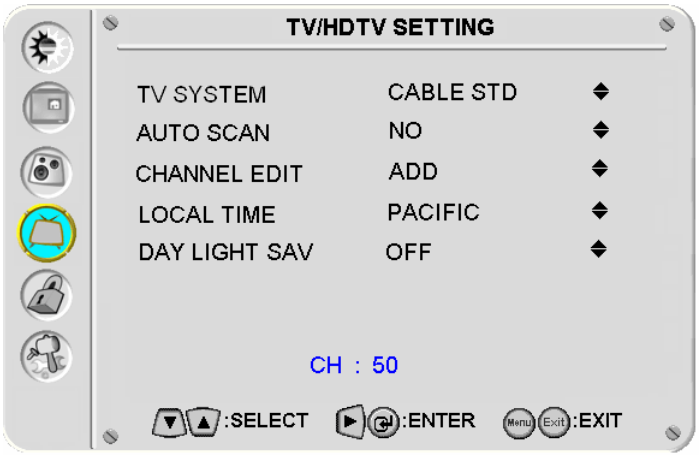
SUB / Main	VGA	HDTV	Video	S Video	YPbPr1	YPbPr2	TV	HDMI
VGA	X	X	X	X	X	X	X	O
HDTV	X	X	X	X	X	X	X	O
Video	X	X	X	X	X	X	X	O
S Video	X	X	X	X	X	X	X	O
YPbPr1	X	X	X	X	X	X	X	O
YPbPr2	X	X	X	X	X	X	X	O
TV	X	X	X	X	X	X	X	O
HDMI	O	O	O	O	O	O	O	X

AUDIO SETTING:



Function Name	Function
BASS	Bass adjustment
TREBLE	Treble adjustment
BALANCE	Balance adjustment
MTS	Select STEREO, MONO, or SAP
MUTE	Select audio “OFF” or “ON”
SPEAKER	Select “internal”, “external”, or “Both” speakers
AUDIO OUT	Select SPDIF OUT for 2.1 channel or 5.1 channel
RESET	Select “NO” or “YES”

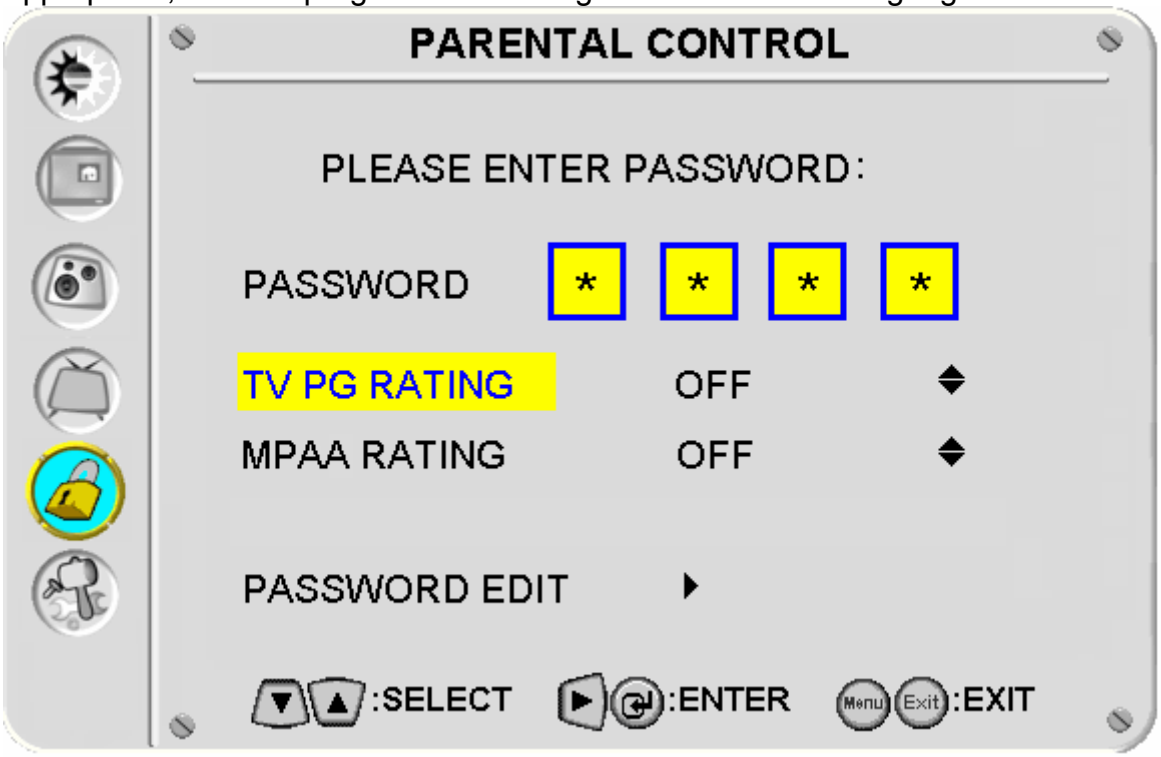
TV/HDTV SETTING:



Function Name	Function
TV SYSTEM	CABLE STD → CABLE IRC → ANTENNA
AUTO SCAN	Select “NO” or “YES”
CHANNEL EDIT	Select “ADD” or “DELETE”
LOCAL TIME	Select local time: “CANADA”, “EASTERN”, “CENTRAL”, “MOUNTAIN”, “PACIFIC”,”ALASKA”,“HAWAII”, “SAMOA”, “NEWFOUNDLAND”
DAYLIGHT SAV	Day light saving: On mode: “daylight saving “ times to begin Off mode: “daylight saving “ is over

PARENTAL CONTROL:

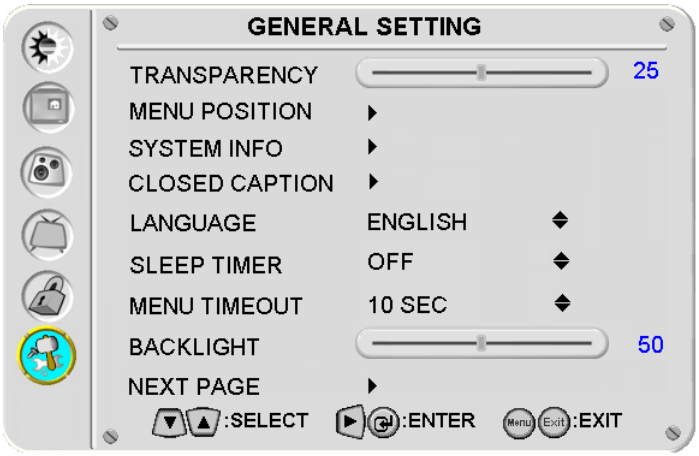
The parental controls feature prevents viewers from watching programs that are not age-appropriate, such as programs containing violence or adult language.

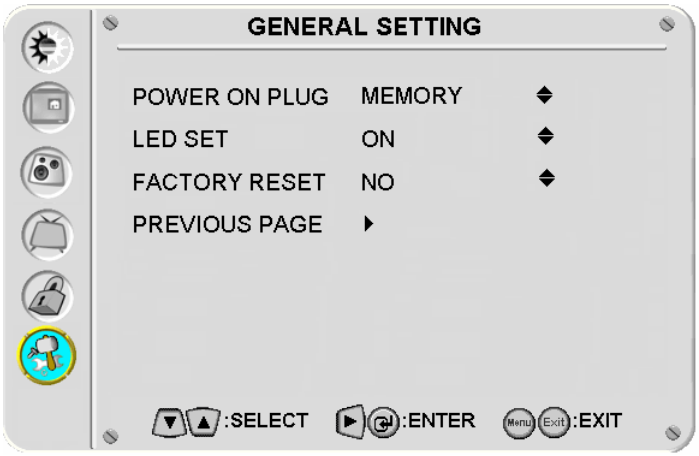


Function Name	Function
PASSWORD	The factory default password is “0000”. Use remote control to key in the number and enter the parental controls sub-menu.
TV PG RATING	Select “TV-MA”, “TV-Y”, ”TV-Y7”, ”TV-G”, ”TV-PG”, ”TV-14”, ”TV-MA” or “OFF”.
MPAA RATING	Select “G”, “PG-13”, ”R”, “NC-17”, “X”, or “OFF”
PASSWORD EDIT	Enter new pass word

TV PG Rating		MPAA Rating	
TV Y	All children	NONE	Not available
YTV Y7	For elder children	G	General audience
TV G	General audience	PG	Parental guidance suggested
TV PG	Parental guidance suggested	PG-13	Parents strongly cautioned
TV 14	Parents strongly cautioned	R	Restricted
TV MA	Mature audience only	NC 17	No one 17 and under admitted
OFF	None	X	Adult audience only
		OFF	None

GENERAL SETTING:

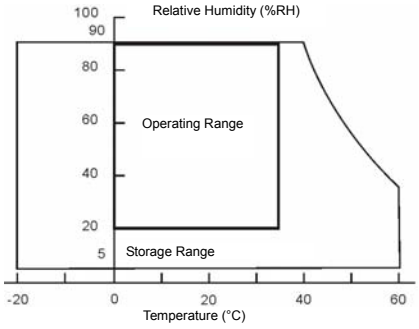




Function Name	Function
TRANSPARENCY	Set OSD transparency level
MENU POSITION	OSD horizontal/vertical position adjustment
SYSTEM INFO	Display input source, type and signal
CLOSED CAPTION	Turn the closed caption OFF or CC1, CC2, CC3, CC4, TEXT1, TEXT2, TEXT3, TEXT4
LANGUAGE	OSD language selection
SLEEP TIMER	Set sleep timer to turn off the power automatically
MENU TIMEOUT	Set the time to turn off the OSD
BACKLIGHT	Backlight adjustment
NEXT PAGE	Select to next page
POWER ON PLUG	ON: To memorize the DC power status. If last DC power status is on, TV will power on automatically when plugged back in. OFF: turn off POWER ON PLUG function.
LED SET	ON: Turn on TV indicator LED. OFF: Turn off TV indicator LED.
FACTORY RESET	YES: recall OSD default setting. NO: skip the change.
PREVIOUS PAGE	Return to previous GENERAL SETTING page.

LTV-27w7 HD LCD TV Specifications

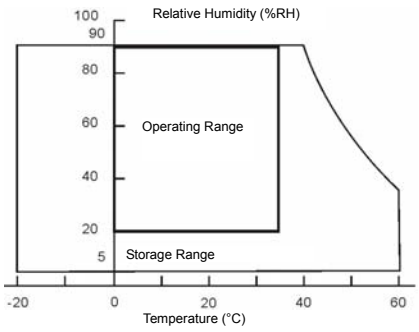
Model Name		LTV-27w7 HD	
Panel	Type	27" (32.02" viewable diagonal area), TFT (Thin Film Transistor), Active Matrix WXGA LCD, 1366 x 768 vertical stripe	
	Color	Anti-reflective coating + Anti-glare coating	
Viewing Angles		170° (H) / 170° (V)	
Input Signal	Video/Audio	VGA Analog * 1 (75 ohms, 0.7 Vp-p)/Mini-Stereo *1	
		H/V separated (TTL) for PC; fh: 30-80 kHz, fv: 50-75 Hz	
		HDMI-HDCP *1 / RCA (L/R) stereo *1	
		TV system antenna / NTSC & ATSC *1 in US	
		YPbPr * 2 / RCA (L/R) Stereo * 2	
		Composite * 1 / S–Video * 1 / RCA (L/R) stereo * 1	
		Composite * 1 / RCA (L/R) Stereo * 1	
Output Signal		RCA (L/R) Stereo * 1;SPDIF (PCM/RAW) *1	
HDTV Compatibility		480i, 480P, 720P, 1080i	
PC Compatible	Recommended	1366 x 768 @ 60Hz	
	Supported	1280 x 1024 @ 60, 75Hz	800 x 600 @ 60, 75 Hz
		1024 x 768 @ 70, 75 Hz	720 x 400 @ 70 Hz
		848 x 480 @ 60Hz	640 x 480 @ 60, 75 Hz
		832 x 624 @ 75Hz (MAC)	
Speaker Output		9w (x 2 Channels)	
Power	Voltage	120VAC, 60 Hz, 3A	
Temperature (Note A)	Operating	0 to + 35° C (Hum. <90%)	
	Storage	-20 to +60 °C (Hum.< 35 %)	
Humidity (Relative) (Note A)	Operating	20 to 90% non-condensing. (Ta< 35%)	
	Storage	10 to 90% non-condensing. (Note A)	
		Wet-bulb temperature should be 39 °C Max. (Ta> 40°C)	
		Note A: The temperature and relative humidity range is shown in right side	
Altitude	Operating	0 to 3,000 m	
	Storage	0 to 12,000m	
Dimensions	Physical	677.3 mm (W) x 557.5 mm (H) x 212 mm (D)	
Weight	Net / Gross	12.6 kg / 14.7 kg	
Regulations		UL/C-UL, FCC-B	
Consumption	On	<180w (Blue LED)	
	Active Off	<3w (Orange LED)	



Preset Timing Mode (Pre-adjusted to reduce blanking: 1366 x 768 at 60Hz)
Warning: Do not set the graphics card in your computer to exceed these refresh rates; doing so may result in permanent damage to the LCD TV.
Note: Product Specifications are subject to change without notice.

LTV-32w6 HD LCD TV Specifications

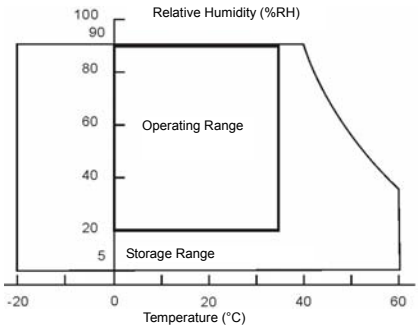
Model Name		LTV-32w6 HD	
Panel	Type	32" (32.02" viewable diagonal area), TFT (Thin Film Transistor), Active Matrix WXGA LCD, 1366 x 768 vertical stripe	
	Color	Anti-reflective coating + Anti-glare coating	
Viewing Angles		170° (H) / 170° (V)	
Input Signal	Video/Audio	VGA Analog * 1 (75 ohms, 0.7 Vp-p)/Mini-Stereo *1	
		H/V separated (TTL) for PC; fh: 30-80 kHz, fv: 50-75 Hz	
		HDMI-HDCP *1 / RCA (L/R) stereo *1	
		TV system antenna / NTSC & ATSC *1 in US	
		YPbPr * 2 / RCA (L/R) Stereo * 2	
		Composite * 1 / S–Video * 1 / RCA (L/R) stereo * 1	
		Composite * 1 / RCA (L/R) Stereo * 1	
Output Signal		RCA (L/R) Stereo * 1;SPDIF (PCM/RAW) *1	
HDTV Compatibility		480i, 480P, 720P, 1080i	
PC Compatible	Recommended	1366 x 768 @ 60Hz	
	Supported	1280 x 1024 @ 60, 75Hz	800 x 600 @ 60, 75 Hz
		1024 x 768 @ 70, 75 Hz	720 x 400 @ 70 Hz
		848 x 480 @ 60Hz	640 x 480 @ 60, 75 Hz
		832 x 624 @ 75Hz (MAC)	
Speaker Output		9w (x 2 Channels)	
Power	Voltage	120VAC, 60 Hz, 3A	
Temperature (Note A)	Operating	0 to + 35° C (Hum. <90%)	
	Storage	-20 to +60 °C (Hum.< 35 %)	
Humidity (Relative) (Note A)	Operating	20 to 90% non-condensing. (Ta< 35%)	
	Storage	10 to 90% non-condensing. (Note A)	
	Wet-bulb temperature should be 39 °C Max. (Ta> 40°C) *Note A: The temperature and relative humidity range is shown in right side*		
Altitude	Operating	0 to 3,000 m	
	Storage	0 to 12,000m	
Dimensions	Physical	797.8 mm (W) x 640.8 mm (H) x 211.7 mm (D)	
Weight	Net / Gross	17.0 kg / 22.5 kg	
Regulations		UL/C-UL, FCC-B	
Consumption	On	<180w (Blue LED)	
	Active Off	<3w (Orange LED)	



Preset Timing Mode (Pre-adjusted to reduce blanking: 1366 x 768 at 60Hz)
Warning: Do not set the graphics card in your computer to exceed these refresh rates; doing so may result in permanent damage to the LCD TV.
Note: Product Specifications are subject to change without notice.

LTV-37w2 HD LCD TV Specifications

Model Name		LTV-37w2 HD	
Panel	Type	37" (37.02" viewable diagonal area), TFT (Thin Film Transistor), Active Matrix WXGA LCD, 1366 x 768 vertical stripe	
Viewing Angles		178° (H) / 178° (V)	
Input Signal	Video/Audio	VGA Analog * 1 (75 ohms, 0.7 Vp-p)/Mini-Stereo *1 H/V separated (TTL) for PC; fh: 30-80 kHz, fv: 50-75 Hz HDMI-HDCP *1 / RCA (L/R) stereo *1 TV system antenna / NTSC & ATSC *1 in US Component Video * 2 / RCA (L/R) Stereo * 2 Composite * 1 / S–Video * 1 / RCA (L/R) stereo * 1 Composite * 1 / RCA (L/R) Stereo * 1	
Output Signal		RCA (L/R) Stereo * 1;SPDIF (PCM/RAW) *1	
HDTV Compatibility		480i, 480P, 720P, 1080i	
PC Compatible	Recommended	1366 x 768 @ 60Hz	
	Supported	1280 x 1024 @ 60, 75Hz	800 x 600 @ 60, 75 Hz
		1024 x 768 @ 70, 75 Hz	720 x 400 @ 70 Hz
		848 x 480 @ 60Hz	640 x 480 @ 60, 75 Hz
		832 x 624 @ 75Hz (MAC)	
Speaker Output		9w (x 2 Channels)	
Power	Voltage	120-240VAC, 50/60 Hz, 3A	
Temperature (Note A)	Operating	0 to + 35° C (Hum. <90%)	
	Storage	-20 to +60 °C (Hum.< 35 %)	
Humidity (Relative). (Note A)	Operating	20 to 90% non-condensing. (Ta< 35%)	
	Storage	10 to 90% non-condensing. (Note A)	
	Wet-bulb temperature should be 39 °C Max. (Ta> 40°C)		
	Note A: The temperature and relative humidity range is shown in right side		
Altitude	Operating	0 to 3,000 m	
	Storage	0 to 12,000m	
Dimensions	Physical	1051.3 mm (W) x 718.7 mm (H) x 225.9 mm (D)	
Weight	Net / Gross	28.0 kg / 34.5 kg	
Regulations		UL/C-UL, FCC-B	
Consumption	On	<290w (Blue LED)	
	Active Off	<3w (Orange LED)	



Preset Timing Mode (Pre-adjusted to reduce blanking: 1366x 768 at 60Hz)
Warning: Do not set the graphics card in your computer to exceed these refresh rates; doing so may result in permanent damage to the LCD TV.
Note: Product Specifications are subject to change without notice.

Troubleshooting

No Power

- Make sure power button is ON (Blue LED).
- Make sure AC power cord is securely connected to the AC socket.
- Plug another electrical device (such as a radio) to the power outlet to verify that the outlet is supplying the proper voltage.

Parental Control Password is “Lost”

- In the unlikely occurrence, select “ PASSWORD EDIT” and enter “0000” to reset the password.

Audio Interconnection Issues

- Remember that S-Video and Composite (AV) share the same audio source.

Power is ON but No Screen Image

- Make sure the video cable connected to the LCD TV is tightly secured to the video output port on the back of the computer. If the other end of the video cable is not attached properly to the LCD TV, secure it tightly.
- Adjust brightness and contrast.
- If you are using a Macintosh computer older than G3, you need a Macintosh adapter.
- Check Source settings.

Wrong or Abnormal Colors

- If any colors (red, green, or blue) are missing, check the video cable to make sure it is connected securely. Loose or broken pins in the cable connector could cause an improper connection.
- Connect the LCD TV to another computer.

Remote Control Buttons Do Not Work

- Press only one button at a time.

Snow Appears on Screen

- Check your antenna connection.
- Check the TV / CATV selection.

No Sound

- Check the audio connection.
- Press MUTE on the remote control, so that MUTE disappears from the screen.
- Check the audio settings. The LCD TV audio may be set to SAP or minimum.
- Press the Volume + (Up) key on the remote control.
- Make sure that headphones are not connected to the Headphone Jack on the LCD TV.
- Make sure the speaker setting is set to “internal”.

Remote Control Does Not Work

- Make sure batteries are inserted correctly.
- Replace batteries with new ones if necessary.

Remote Control Code Not Found in a “Universal” Remote

- Purchase a separate “learning” remote control.

Image Quality Issues

- For the best TV image quality, “Standard Definition” TV should be viewed in 4:3 format.

How Can I Find More Help?

- Log on to: www.westinghousedigital.com
- Contact Westinghouse Customer Service at (866) 287-5555 or write us at service@westinghousedigital.com

www.westinghousedigital.com

Westinghouse Digital Electronics
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